



Drew Lewis, Ph.D.

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About me

Education researcher and faculty developer currently working as an independent consultant.

Education

Ph.D. in Mathematics	2012
Washington University in St. Louis	
A.M. in Mathematics	2008
Washington University in St. Louis	
B.S in Mathematics	2006
University of Alabama	

Awards

Best Paper Award	2020
Team-Based Learning Collaborative	
Best Poster Award	2019
Team-Based Learning Collaborative	
TeamUSA QEP Educator of Distinction	2018
University of South Alabama	
Most Engaged New Faculty Member	2017
University of South Alabama	
Robert McDowell Teaching Award	2011
Washington University	
B. B. Comer Mathematics Prize	2006
University of Alabama	

Certifications

Team-Based Learning Trainer-Consultant	2019
Team-Based Learning Collaborative	
Master Beer Judge	2016
Beer Judge Certification Program	

Experience

2024–	Director of Research	Center for Grading Reform
2022–	Independent Consultant	University of South Alabama
2020–2022	Associate Professor of Mathematics	University of South Alabama
2016–2020	Assistant Professor of Mathematics	University of Alabama
2012–2016	Assistant Professor of Mathematics	University of Alabama

Accomplishments

- Secured and oversaw management of \$600K+ in external funding for education research and faculty professional development
- Supervised Master's program in mathematics, including admissions, curricular issues, program assessment, and teaching assistants
- Facilitated professional development workshops focused on improving instructors' pedagogy at institutions across the country
- Delivered keynote addresses at institutional faculty development events
- Served on numerous college and university committees responsible for curricular and data-driven policy decision making
- Collaborated with faculty and administrators through shared governance processes to improve institutional policies
- Authored scientific publications and led research collaborations in education research, quantitative justice, and pure mathematics
- Gave scientific presentations at local, national, and international conferences and universities
- Led curricular redesign and pedagogical improvement efforts that improved student success rates by 15%
- Led and mentored faculty authoring teams in the development open source educational resources used by 100+ faculty across the country, impacting thousands of students
- Contributed source code to open source educational tools
- Supervised independent student research at undergraduate and doctoral levels
- Organized scientific conferences, research programs, and faculty development events.

Skills

Statistical Analysis	Survey Design	Project Management
Data Science	Quantitative Research	Classroom Assessment
Scientific Communication	Qualitative Research	Program Assessment
Programming	Grant Writing	Curricular Development

Selected Publications

- D. Lewis, S. Clontz, C. Parrish, J. Estis, and S. R. Chaudhury. Supporting instructors in implementing team-based inquiry learning. *Proceedings of the 26th Annual Conference on Research in Undergraduate Mathematics Education*, 1152–1157, 2024.
- D. Lewis. Impacts of standards-based grading on students' mindset and test anxiety. *Journal of Scholarship of Teaching and Learning*, 22(2):67–77, 2022.
- S. Clontz, D. Lewis, J. Bolkema, J. Ford, S. Krinsky, J. Nordstrom, and K. Owens. *Linear Algebra for Team-Based Inquiry Learning*, 2022. Open Educational Resource. <https://teambasedinquirylearning.github.io/linear-algebra/2022/>
- D. Lewis and J. Estis. Improving mathematics content mastery and enhancing flexible problem solving through team-based inquiry learning. *Teaching & Learning Inquiry*, 8(2):165–183, 2020.
- D. Lewis. Student anxiety in standards-based grading in mathematics courses. *Innovative Higher Education*, 45(2):153–164, 2020.